**IN THE CLAIMS:**

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with <u>underlining</u> and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

**Please ADD new the claim 32 as follows:**

1. (PREVIOUSLY PRESENTED) A relevant document display apparatus for displaying a group of documents containing cross-referenced message documents contributed to at least one of a forum and a message board established through a computer network, the cross-referenced message documents having a cross-referenced relationship in which a document contributed earlier is referenced by documents contributed afterwards, said apparatus comprising:

a document group analysis device to classify a plurality of documents forming a set of documents into at least one group of cross-referenced documents by determining for each document in the set, which of the documents is referenced, and for extracting information about classification as document group information;

a document group keyword extraction device to extract keywords contained in a body of a document forming part of each group of documents based on a statistical analysis by referring to the document group information; and

a document group keyword display device to display a title of each document in each group of documents together with the keywords extracted from the body of the document corresponding to the title by said document group keyword extraction device, the title being displayed in a title-displaying field and the keywords being displayed in a keyword-displaying field.

2. (PREVIOUSLY PRESENTED) The apparatus according to claim 1, wherein said document group keyword display device displays with enhancement a group of documents containing a document specified by a user for retrieval, or a keyword specified for retrieval.

3. (CANCELED)

4. (CANCELED)

5. (CANCELED)

6. (CANCELED)

7. (CANCELED)

8. (PREVIOUSLY PRESENTED) A relevant document display apparatus for displaying a group of documents containing cross-referenced message documents contributed to at least one of a forum and a message board established through a computer network, the cross-referenced message documents having a cross-referenced relationship in which a document contributed earlier is referenced by documents contributed afterwards, said apparatus comprising:

a document group analysis device to classify a plurality of documents forming a set of documents into at least one group of cross-referenced documents by determining for each document in the set, which of the documents is referenced, and for extracting information about classification as document group information;

a topic analysis device to further classify each group of cross-referenced documents based on topics extracted from each document forming part of each group of cross-referenced documents, and to extract information about further classification as topic classification information;

a topic keyword extraction device to extract keywords contained in a body of each document relevant to each topic obtained by the further classification of each of the groups of documents based on a statistical analysis by referring to the document group information and the topic classification information; and

a topic keyword display device to display a title of each document relevant to each topic obtained by the further classification together with the keywords extracted from the body of each document corresponding to each title by said topic keyword extraction device, the title being displayed in a title-displaying field and the keywords being displayed in a keyword-displaying field.

9. (PREVIOUSLY PRESENTED) A relevant document display method for displaying a

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group of documents containing cross-referenced message documents contributed to at least one of a forum and a message board established through a computer network and having a cross-referenced relationship in which a document contributed earlier is referenced by documents contributed afterwards, said method comprising:

classifying a plurality of documents forming a set of documents into at least one group of cross-referenced documents by determining for each document in the set, which of the documents is referenced;

extracting information about classification as document group information;

extracting keywords contained in a body of a document forming part of each group of documents based on a statistical analysis by referring to the document group information; and

displaying a title of each document in each group of documents together with the keywords extracted from the body of the document corresponding to the title, the title being displayed in a title-displaying field and the keywords being displayed in a keyword-displaying field.

10. (PREVIOUSLY PRESENTED) The method according to claim 9, further comprising displaying with enhancement a group of documents containing a document specified by a user for retrieval, or a keyword specified for retrieval.

11. (CANCELED)

12. (CANCELED)

13. (CANCELED)

14. (CANCELED)

15. (CANCELED)

16. (PREVIOUSLY PRESENTED) A relevant document display method for displaying a group of documents containing cross-referenced message documents contributed to at least one of a forum and a message board established through a computer network and having a cross-referenced relationship in which a document contributed earlier is referenced by

documents contributed afterwards, said method comprising:

classifying a plurality of documents forming a set of documents into at least one group of cross-referenced documents by determining for each document in the set, which of the documents is referenced;

extracting information about classification as document group information;

further classifying each of the classified group of documents based on topics extracted from each document forming part of each group of documents, and extracting information about further classification as topic classification information;

extracting keywords contained in a body of each document relevant to each topic obtained by the further classification of each group of cross-referenced documents based on a statistical analysis by referring to the document group information and the topic classification information; and

displaying a title of each document relevant to each topic obtained by the further classification together with the keywords extracted from the body of each document corresponding to each title, the title being displayed in a title-displaying field and the keywords being displayed in a keyword-displaying field.

17. (PREVIOUSLY PRESENTED) A computer-readable storage medium storing instructions to direct a computer to perform a method for displaying a group of documents containing cross-referenced message documents contributed to at least one of a forum and a message board established through a computer network and having a cross-referenced relationship in which a document contributed earlier is referenced by documents contributed afterwards, said method comprising:

classifying a plurality of documents forming a set of documents into at least one group of cross-referenced documents by determining for each document in the set, which of the documents is referenced;

extracting information about classification as document group information;

extracting keywords contained in a body of a document forming part of each group of documents based on a statistical analysis by referring to the document group information; and

displaying a title relevant to each group of documents together with the corresponding keywords extracted from the bodies of the group of documents, the title being displayed in a title-displaying field and the keywords being displayed in a keyword-displaying field.

18. (CANCELED)

19. (CANCELED)

20. (CANCELED)

21. (CANCELED)

22. (CANCELED)

23. (CANCELED)

24. (CANCELED)

25. (CANCELED)

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27. (CANCELED)

28. (CANCELED)

29. (CANCELED)

30. (CANCELED)

31. (CANCELED)

32. (NEW) A relevant document display method for displaying a group of documents containing cross-referenced message documents contributed to at least one of a forum and a message board established through a computer network and having a cross-referenced relationship in which a document contributed earlier is referenced by documents contributed afterwards, said method comprising:

classifying a plurality of documents forming a set of documents into at least one group of cross-referenced documents by determining for each document in the set, which of the documents is referenced;

extracting information about classification as document group information;

automatically extracting keywords contained in a body of a document forming part of each group of documents based on a statistical analysis by referring to the document group information and without requiring user input; and

displaying a title of each document in each group of documents together with the keywords extracted from the body of the document corresponding to the title, the title being displayed in a title-displaying field and the keywords being displayed in a keyword-displaying field.